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K. MEES, head of the research department, Eastman Kodak Company.

Problem of diffusion and its bearing on civilization, PROFESSOR ERNST COHEN, professor of chemistry, University of Utrecht.

Catalysis: the new economic factor, PROFESSOR WILDER D. BANCROFT, professor of physical chemistry, Cornell University.

SCIENTIFIC NOTES AND NEWS

DR. JOEL ASAPH ALLEN, curator of the Department of Birds and Mammals at the American Museum of Natural History since 1885, died at Cornwall-on-Hudson on August 29, aged eighty-three years.

As has already been noted in SCIENCE the Second International Congress of Eugenics, which will meet at the American Museum of Natural History, New York City, from September 22 to 28, will hold four sections. The opening addresses before the sections are announced as follows: The address before Section I, Human and Comparative Heredity, will be given by M. Lucien Cuénot, professor of zoology and physiology in the University at Nancy, France, on "Adaptation and Modern Genetic Conception"; before Section II., Eugenics and the Human Family, by Dr. Herman Lundborg, professor of psychiatry and neurology in the University of Upsala, Sweden, on "Eugenics and the Human Family." The address before Section III, Human Racial Differences, will be given by Georges Vacher de Lapouge, Poitiers, France, the title of whose address is still to be announced. The address before Section IV, Eugenics and the State, will be given by Major Leonard Darwin, of London, on "The Aims and Methods of Eugenical Societies."

THE annual summer meeting of the American Phytopathological Society was held in conjunction with the Conference of Cereal Pathologists at St. Paul, Minnesota and Fargo, North Dakota on July 19 to 22 inclusive. The following scientific men were present as invited guests of the society: Dr. E. J. Butler, Imperial Bureau of Mycology, London; Dr. Kingo Miyabe, professor of botany and director of the Botanic Garden, Hokkaido

Imperial University, Sapporo, Japan; Mr. R. J. Noble, and Mr. James P. Shelton, Department of Agriculture, New South Wales, Australia. Members of the society were present from Philippine Islands, from three provinces of Canada and from ten states. The meeting really constituted an international conference on cereal diseases. Drs. Butler and Miyabe will visit a number of institutions before returning home, and Mr. Noble and Mr. Shelton expect to remain for at least a year to engage in research. Professor A. Jacewski, director of the Institute of Mycology and Phytopathology, Petrograd, Russia, and Professor N. I. Vavilov, Bureau of Applied Botany and Plant Breeding, Petrograd, Russia, arrived too late to attend the conference. They will make an extended tour of the United States and Canada before returning to Russia.

THE following honorary degrees were conferred upon members of the British Medical Association by the University of Durham on the occasion of the recent meeting of the association in that city:—*Doctor of Civil Laws*: Sir William MacEwen, Sir Thomas Oliver, and Sir Humphry D. Rolleston. *Doctor of Hygiene*: Dr. T. E. Hill and Dr. J. W. Smith. *Doctor of Science*: Sir Arthur Keith. *Doctor of Literature*: Sir Dawson Williams, editor of the *British Medical Journal*. *M.A.*: Dr. Alfred Cox, medical secretary of the association.

A MARBLE bust of Professor E. Fuchs, the Vienna ophthalmologist, was unveiled at the University of Vienna on June 14, the occasion being his seventieth birthday. He retired in 1915.

F. J. W. ROUGHTON, of Trinity College, Cambridge has been elected to the Michael Foster research studentship in physiology. The Raymond Horton Smith prize in medicine has been awarded to Dr. R. L. M. Wallis of Downing College.

DR. CHARLES-EDWARD AMORY WINSLOW, of Yale University, medical director of the American Red Cross, is in Geneva attending the meeting of the Health Commission of the

League of Nations. The commission plans to organize a world health institution separate from the International Health Office of the Red Cross, to which the United States belongs.

Dr. A. B. SROUT, of the N. Y. Botanical Garden, has spent two weeks at the State Experimental Station at Geneva, N. Y., in making further study of flower types in grapes and in the work of breeding for seedless sorts of hardy grapes. This work is being done in cooperation with the Department of Horticulture of the Experimental Station.

Dr. GUSTAV T. TROEDSSON, privat-docent at the Geological Institute at Lund, Sweden, is accompanying Professor Percy E. Raymond, of Harvard University, on the third of the Shaler Memorial Expeditions for the study of the Ordovician in the southern Appalachians.

Dr. J. W. KIMBALL, formerly research chemist at Delta Laboratory, E. I. du Pont de Nemours and Co., Arlington, N. J., has joined the staff of the National Aniline and Chemical Co., as research chemist at their works at Marcus Hook, Pa.

WE learn from *Nature* that a medal, to be known as the Meldola medal, will be presented annually by the Society of Maccabæans for the most noteworthy chemical work of the year carried out by a British subject who is not more than thirty years of age on completing the work. The award will be made by the council of the Institute of Chemistry acting with one member of the Society of Maccabæans, and power to vary the conditions of award is vested in the committee of the society and the council of the institute acting jointly. The object of instituting the medal is to recognize merit among the younger generation of chemists and to perpetuate the memory of Professor Raphael Meldola, the distinguished chemist who served as president both of the society presenting the medal and of the Institute of Chemistry. It is hoped that the first presentation will be made at the annual general meeting of the Institute of Chemistry on March 1, 1922.

At a meeting of the Royal College of Sur-

geons of Edinburgh, held on July 18, the president, Dr. George Mackay, presented to the College a portrait of the late Lord Lister. The picture is a full-sized copy made by Mr. Dorfield Hardy of the portrait painted by W. Ouless, R. A., in the possession of the Royal College of Surgeons of England. In accepting the portrait on behalf of the College, the vice-president, Dr. McKenzie Johnston, expressed the satisfaction the college had in acquiring this memorial of its most distinguished fellow through the generosity of their president.

THE Priestley Memorial Committee of the American Chemical Society has reported that the sum of two thousand dollars has been collected and placed on interest. The committee has authorized the chairman to select an artist to copy the Stuart portrait of Priestley, which is now at Northumberland, Pa., and immediate steps will be taken to obtain a die for the Priestley medal.

PETER COOPER HEWITT, the electrical and mechanical engineer of New York City, died in Paris on August 25.

W. HORACE HOSKINS, professor of veterinary jurisprudence and dean of the New York State Veterinary College at New York University, died on August 17, aged sixty-one years.

W. E. ROLSTON, associated with Sir Norman Lockyer in the work of the Solar Physics Observatory at South Kensington until he enlisted in 1915, has died at the age of forty-five years.

UNIVERSITY AND EDUCATIONAL NEWS

THE *Journal* of the Americal Medical Association states that members of the medical faculty of the University of Maryland Medical School, have placed their resignations in the hands of Dr. Albert F. Woods, president of the university. This action has been initiated by the medical men themselves in order that the faculty might be reorganized on a "half-time pay" basis. Plans for reorganization call for doubling the \$500,000 a